

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: James A. Proctor, Jr.

Continuation Application of

Application No.: 09/952,198

Filed: September 13, 2001

For: METHOD OF DETECTION OF SIGNALS USING AN ADAPTIVE ANTENNA IN A PEER-TO-PEER NETWORK

Date: <u>2/9/04</u>
EXPRESS MAIL LABEL NO. <u>EV214952642US</u>

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is submitted:

- ☐ under 37 CFR 1.129(a), or
(First/Second submission after Final Rejection)
- ☒ under 37 CFR 1.97(b), or
(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).
- ☐ under 37 CFR 1.97(c) together with either:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, or
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)
- ☐ under 37 CFR 1.97(d) together with:
- ☐ a Statement under 37 CFR 1.97(e), as checked below, and
- ☐ a \$180.00 fee under 37 CFR 1.17(p), or
(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)
- ☐ under 37 CFR 1.97(i):
Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.
(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

☒ Enclosed herewith is form PTO-1449:

☒ Copies of the cited references are enclosed.

☒ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.

☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]

☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.

☐ The "concise explanation" requirement (non-English references) for reference(s) [] under 37 CFR 1.98(a)(3) is satisfied by:

☐ the explanation provided on the attached sheet.

☐ the explanation provided in the Specification.

☐ submission of the enclosed International Search Report.

☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.

☐ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By



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Concord, MA 01742-9133

Dated: 2/9/2004

PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION February 5, 2004 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 2479.2062-003		APPLICATION NO.	
	FIRST NAMED INVENTOR James A. Proctor, Jr.		FILING DATE	
	EXAMINER	CONFIRMATION NO.	GROUP	

U.S. PATENT DOCUMENTS

EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AA	4,021,813	05/03/1977	Black et al.
	AB	5,027,125	06/25/1991	Tang
	AC	5,293,172	03/08/1994	Lamberty et al.
	AD	5,905,473	05/18/1999	Taenzer
	AE	6,100,843	08/08/2000	Proctor, Jr. et al.
	AF	6,239,756 B1	05/29/2001	Proctor, Jr. et al.
	AG	6,304,215 B1	10/16/2001	Proctor, Jr. et al.
	AH	6,239,757 B1	05/29/2001	Ishikawa et al.
	AI	5,767,807	06/16/1998	Pritchett
	AJ			
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	EXAMINER	CONFIRMATION NO.	GROUP	

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	AL	EP 1 130 837 A2	09/05/2001	Hughes Electronics Corp.		
	AM					
	AN					
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PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION February 5, 2004 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 2479.2062-003		APPLICATION NO.	
	FIRST NAMED INVENTOR James A. Proctor, Jr.		FILING DATE	
	EXAMINER		CONFIRMATION NO.	GROUP

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
	AR	Hornéffer, Martin <i>et al.</i> , "Directed Antennas in the Mobile Broadband System," <i>IEEE INFOCOM</i> 24-48:704-712 (1996).
	AS	Kalis, Antonis <i>et al.</i> , "Relative Direction Determination in Mobile Computing Networks," <i>IEEE Instrumentation and Measurement Techn. Conf., Budapest</i> pp.1479-1484 (2001).
	AT	Ko, Young-Bae <i>et al.</i> , "Medium Access Control Protocols Using Directional Antennas in Ad Hoc Networks," <i>IEEE INFOCOM</i> , pp. 13-21 (2000).
	AU	Nasipuri, A. <i>et al.</i> , "A MAC Protocol for Mobile Ad Hoc Networks Using Directional Antennas," <i>IEEE</i> , pp. 1214-1219 (2000).
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